

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007950

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 F04B13/00 B01F15/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 F04B B01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 789 510 A (MEYNIG, ROBERT E.) 23 April 1957 (1957-04-23) column 1, line 15 - line 21 column 1, line 61 - column 2, line 15 column 2, line 63 - column 3, line 31 figures 1,2 ----- US 2 594 577 A (MCFARLAND, ARTHUR E.) 29 April 1952 (1952-04-29) column 1, line 6 - line 11 column 2, line 16 - line 51 figure 1 ----- WO 02/23138 A (BP OIL INTERNATIONAL LTD. (GB)) 21 March 2002 (2002-03-21) page 1, line 3 - line 10 page 13, line 29 - page 14, line 29 figure 1 ----- -/-	1-3,5, 11-13 1,2, 11-13 1,2 -/-



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the International search

22 September 2004

Date of mailing of the International search report

30/09/2004

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101/EP2004/007950

**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/05940 A (INNOVACIO TECNOLOGICA CATALANA, S.L. (ES)) 24 January 2002 (2002-01-24) page 1, line 3 – line 9 page 5, line 3 – page 7, line 19 figures 1,2 -----	1,2

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

[REDACTED]/EP2004/007950

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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			EP	1317658 A1	11-06-2003
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			EP	1301266 A1	16-04-2003
			WO	0205940 A1	24-01-2002
			US	2004035886 A1	26-02-2004